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### AMENDMENTS TO THE CLAIMS

Claims 1-7 (canceled).

Claim 8 (currently amended) A method of inhibiting cell-cell interaction, comprising:

contacting the cells with an antibody directed against a peptide with ~~a sequence consisting~~ of SEQ ID No. 41 or with ~~a sequence consisting~~ of SEQ ID No. 2 that is derived from a cell surface vascular endothelial growth factor and type I collagen inducible protein (VCIP) consisting of SEQ ID No. 13, wherein said contact with the antibody blocks binding of  $\alpha v \beta 3$  and/or  $\alpha 5 \beta 1$  integrins to the cell surface vascular endothelial growth factor and type I collagen inducible protein (VCIP), thereby inhibiting the cell-cell interaction.

Claim 9 (original) The method of claim 8, wherein said cell-cell interaction is mediated by integrin ligand.

Claims 10-13 (canceled)

Claim 14 (currently amended) The method of claim 8, wherein said cell-cell interaction contributes to inflammation~~[[.]]~~ or angiogenesis ~~or a combination thereof~~.

**Claim 15 (currently amended)** A method of treating a patient with a pathological condition caused by integrin-mediated cell-cell interaction, comprising:

administering to said patient an antibody directed against a peptide ~~with a sequence~~ consisting of SEQ ID No. 41 or consisting of SEQ ID No. 2 that is derived from a cell surface vascular endothelial growth factor and type I collagen inducible protein (VCIP) consisting of SEQ ID No. 13, wherein said antibody blocks binding of  $\alpha v\beta 3$  and/or  $\alpha 5\beta 1$  integrins to the cell surface vascular endothelial growth factor and type I collagen inducible protein, thereby treating the patient with the pathological condition caused by the integrin-mediated cell-cell interaction.

**Claims 16-19 (canceled)**

**Claim 20 (currently amended)** The method of claim 15, wherein said cell-cell interaction contributes to inflammation~~[[.]]~~ or angiogenesis, ~~or a combination thereof.~~

**Claim 21 (currently amended)** The method of claim 15, wherein said pathological condition is tumor growth, inflammation~~[[.]]~~ or angiogenesis ~~or a combination thereof.~~

**Claims 22-31 (canceled).**

Claim 32 (currently amended) A method of inhibiting angiogenesis and the formation of capillaries in a patient in need of such a treatment, comprising:

administering to said patient a pharmacologically effective amount of an antibody directed against a peptide with ~~a sequence consisting~~ of SEQ ID No. 41 or consisting of SEQ ID No. 2 that is derived from vascular endothelial growth factor and type I collagen inducible protein (VCIP) consisting of SEQ ID No. 13, wherein said antibody inhibits  $\alpha v\beta 3$  and/or  $\alpha 5\beta 1$  integrin-mediated cell-cell interaction, thereby inhibiting angiogenesis and the formation of capillaries in the patient in need of such a treatment.

Claims 33-41 (canceled).